

-- ABSTRACT

Methods and apparatus are disclosed for distributed resequencing of packets belonging to an original stream of packets in a computer or communications system. Typically, packets of the original stream are marked with a sequence number, timestamp, or other ordering indication, and distributed among different paths and arriving at a location possibly out of their original sequence. These packets are received at the location by multiple resequencing components, which distribute information as to received packets and coordinate the sending of packets from themselves so as to produce a stream of resequenced packets. In one implementation, each of the multiple resequencing components maintains one or more data structures indicating packets stored locally and those packets stored anywhere (or elsewhere) within the multiple resequencing components. When a next packet in the original sequence has been received, the packet is sent out. --

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In re WESTBROOK ET AL.  
Application No. 09/776,793

The Abstract as replaced herein fully complies with the requirements of 37 CFR 1.136(a). Moreover, no new matter has been added with the amendment to the Abstract.

In view of the above amendment to the abstract, the application is considered in good and proper form for examination. Applicants believe that no fee is due, however, the Commissioner is hereby authorized to charge payment of any fee due associated with this communication to Deposit Account No. 501430.

Moreover, the Commissioner is hereby authorized to charge payment of any fee due any under 37 C.F.R. §§ 1.16 and § 1.17 associated with this communication or any future communication in this or any related application filed pursuant to 37 C.F.R. § 1.53 or credit any overpayment to Deposit Account No. 501430. Furthermore, the Commissioner is hereby generally authorized under 37 C.F.R. § 1.136(a)(3) to treat this communication or any future communication in this or any related application filed pursuant to 37 C.F.R. § 1.53 requiring an extension of time as incorporating a request therefore, and the Commissioner is hereby specifically authorized to charge Deposit Account No. 501430 for any fee that may be due in connection with such a request for an extension of time.

Respectfully submitted,  
**The Law Office of Kirk D. Williams**

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By



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